植 物 分 类 学 报 39(2):160～162(2001)
Acta Phytotaxonomica Sinica

毛药山茶——中国广东山茶属一新种

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A new species of the genus *Camellia* from Guangdong, China

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Key words *Camellia* L.; *C. renshanxiangiae*; New species; China
关键词 山茶属; 毛药山茶; 新种; 中国

毛药山茶 新种 图1

Camellia renshanxiangiae C. X. Ye et X. Q. Zheng, sp. nov.* (Subgen. *Metacamellia* H. T. Chang, Sect. *Eriandria* Cohen-Stuart). Fig. 1

Species *C. craterae* H. T. Chang et *C. trigonocarpae* H. T. Chang affinis, sed illa floribus rubris (teste notula collectoris), bracteolis sepalisque utrinque flavo-pubescentibus differt, haec bracteolis sepalisque utrinque pubescentibus differt, ab quibus differt antheris pilosis.

Frutex, circiter 3 m altus; gemmae albo-puberulae; rami graciles; ramuli hornotini cinereo-brunnei pubescentes, demum glabrescentes. Folia tenuiter coriacea, oblonga vel ovata vel anguste ovata, (2.7～) 4～7.5 cm longa, (1.3～) 1.7～3 cm lata, apice longe caudata, caudis 1.5～2 cm longis, basi rotundata vel late cuneata, margine serrulata, dentibus 2～3 mm remotis, caudis et basin versus 1/3 integra, supra in sicco atro-viridia, glabra, costis prominentibus pubescentibus, subtus pallide viridia parce pilosa, glabrescentia, costis prominentibus, dense pubescentibus, nervis lateralibus irregulariter circiter 9-jugis, utrinque inconspicuis; petioli 2～3 mm longi, pubescentes. Flores albi fragrantes, in axillis 3～8 caespitosi; pedicelli 1.5 mm longi, breviter puberuli, apicem versus crassi; bracteolae circ. 6, persistentes, inferiores 3 late triangulares, 1～1.5 mm altae, superiores 3 majores, semiorbiculares vel orbiculares, 2～2.5 mm altae, extus glabrae vel interdum puberulae, intus glabrae; sepala 5, persistentia, inaequalia, exteriora 3 mm longa et lata, intimum 6 mm altum, 5 mm latum, omnia extus glabra vel interdum puberula, intus glabra, margine scariosa; corolla basi in tubum 1 mm longum tubo staminum adnatum connata; petala 5～7, extremum conchiforme, concavum, viridulum, 7 mm longum, 5 mm latum, apice rotundatum, cetera obovata usque late obovata, 9～15 mm longa, 6～9 mm lata, extus glabra vel interiora extus puberula, intus glabra; stamina 2-seriata, 7～10 mm longa, filamentis glabris, exterioribus in tubum 4～6 mm longum connatis, interioribus liberis; antherae ovoideae, basifixae, 4-loculares, extus parce pilosae longitudinaliter dehiscentes; ovaria pilosa, stylis glabris 11～17 mm longis, apice 3-fidis, lobis 6 mm longis. Capsula globosa 1.2～1.4 cm in diametro puberula, saepe 1-locularis, interdum 2-locularis, 3-valvatim vel irregulariter 2-valvatim dehiscens, valvis 1 mm crassis; semina 1 in quoque loculo, globosa vel semi-globosa 1～1.2 cm lata, testa castanea vel nigra glabra; stipes

2000-04-30 收稿,2000-10-29 收修改稿。
* 新种加词用于表彰毕生从事标本室工作的任善湘先生。
This species is named in honor of Mrs. REN Shan-Xiang, curator of the Herbarium of Department of Biology, Zhongshan University.

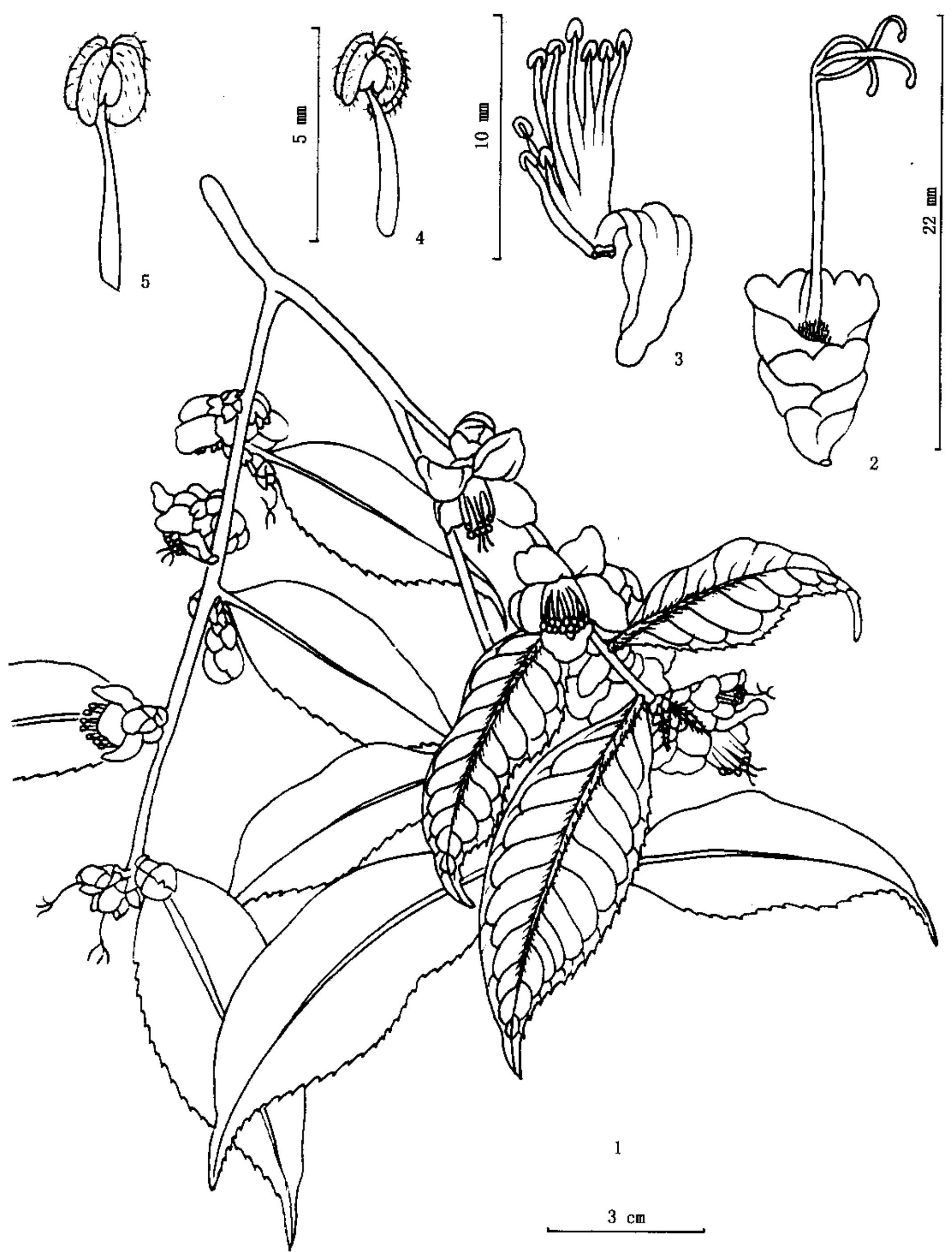


图1 毛药山茶 1. 花枝；2. 除去花瓣的花；3. 示2轮的雄蕊、花丝及外轮雄蕊花丝的基部与花瓣的联合程度；4～5. 1枚雄蕊和被毛的花药。(谢庆建 绘)

Fig. 1 *Camellia renshanxiangiae* C. X. Ye et X. Q. Zheng 1. Flowering branch; 2. Flower, petals removed; 3. Stamens showing the uniting degree of outer filaments and that of stamens with petals; 4～5. A stamen and its hairy anther.

fructus 3 mm longus; bracteolae et sepala persistentia extus glabra vel laxe puberula. Fl. Feb. - Mar. Fr. Oct.

灌木,高约3 m。枝纤细,鳞芽有白色柔毛;嫩枝灰褐色,有柔毛,老枝变无毛。叶薄革质,长圆形,或卵形到狭卵形,长(2.7~)4~7.5 cm,宽(1.3~)1.7~3 cm,先端长尾尖,尾长1.5~2 cm,基部圆形到宽楔形,边缘具相隔2~3 mm的细锯齿,尾尖及叶下部1/3全缘;上面干后深绿色,叶面无毛,中脉突起,有毛,下面浅绿色,有疏柔毛,中脉突出有密毛,侧脉约9对,不整齐,两面不明显;叶柄长2~3 mm,有柔毛。花白色,3~8朵簇生于叶腋;花梗长1.5 mm,有短微毛,向上增大;小苞片6枚,宿存,最下面3枚宽三角形,高1~1.5 mm,上面3枚较大,半圆形到圆形,高2~2.5 mm,外面有微毛或变无毛,内面无毛;萼片5,不等大,最下面的长宽各为3 mm,最上面的高为6 mm,宽为5 mm,萼外面有微毛或变无毛,内面无毛,边缘干膜质;花冠白色,基部连合成长1 mm的短管,贴生于雄蕊管,花瓣5~7枚,最外面1枚贝壳状,凹形,带绿色,长7 mm,宽5 mm,先端圆,其余花瓣倒卵形到宽卵形,长9~15 mm,宽6~9 mm,两面皆无毛或较内面的花瓣外面有微毛;雄蕊2轮,长7~10 mm,外轮花丝合生成4~6 mm的管,内轮雄蕊完全分离,花丝无毛,花药卵球形,基着生,4室,外面有疏毛,纵向开裂;子房有毛,花柱长11~17 mm,无毛,先端3裂,裂片长6 mm。蒴果圆球形,径1.2~1.4 cm,有疏微柔毛,1室或有时2室,3 爿开裂或不规则2裂,果皮厚1 mm;种子每室1粒,球形或半球形,宽1~1.2 cm,种皮栗褐色或熟时黑色,种皮光滑无毛;果柄长3 mm,宿存的苞萼不增大,外面无毛或有极稀疏的微柔毛。花期2~3月,果成熟期在10月。

China. Guangdong (广东): Yangshan (阳山), 2000-03-10, C. X. Ye (叶创兴) 5904 (holotypus! SYS, hic designatus; isotypus! PE); 2000-08-26, C. X. Ye (叶创兴) 5905 (SYS).

原植物由李钳于1985年前后由广东省阳山县引种至中山大学,开花结果后,经多年观察,确定为新种。

本种与杯萼毛蕊茶 *C. cratera* H. T. Chang 和棱果毛蕊茶 *C. trigonocarpa* H. T. Chang 近缘,但后两种的模式苞、萼内外皆有黄柔毛,而本种花白色,苞、萼或较内面的花瓣仅外面有微毛,杯萼毛蕊茶花红色(据采集记录),内面无毛;棱果毛蕊茶苞、萼内外亦有黄柔毛;与上述两种最大的差异是本种花药有毛。花药有毛的种在厚皮香亚科的若干属如杨桐属 *Adinandra*,肖柃属 *Cleyera*,柃属 *Eurya* 和猪血木属 *Euryodendron* 中存在,但在山茶属迄今为止尚未发现。

致谢 线图由谢庆建先生绘,特此致谢。

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